DOCUMENT RESUME

ED 301 448 SE 050 167

TITLE Invent America! Student Handbook Grades K-8.
INSTITUTION United States Patent Model Foundation, Alexander, VA.
PUB DATE 88
NOTE 29p.; For related documents, see SE 050 166-169.
AVAILABLE FROM United States Patent Model Foundation, 510 King Street, Alexandria, VA 22314 ($0.15).
PUB TYPE Guides - Classroom Use - Materials (For Learner) (051)

EDRS PRICE Document Not Available from EDRS.
DESCRIPTORS *Creative Thinking; Creativity; *Discovery Processes; Elementary Education; *Elementary School Science; Experiments; *Inventions; Middle Schools; *Problem Solving; Productive Thinking; Research; Science Education; Science Instruction; Science Projects; Technological Advancement

ABSTRACT

The Invent America program addresses the need to provide K-8 students with opportunities to learn critical and creative thinking skills through the process of inventing. Students apply problem-solving skills as they turn their own creative ideas into inventions. It is an effort to integrate the curriculum, help students synthesize knowledge, and provide hands-on experience in the scientific process. The Invent America! program consists of handbooks for students, teachers and program administrators, which can be used to develop a school/classroom invention program; a catalog of recommended books to supplement the program; national and regional conferences to train educators in techniques to help students develop thinking skills; and inservice programs throughout the country to help schools begin Invent America! programs. This student handbook contains information useful to begin the inventing process. Included are a discussion of inventors and inventions, steps to inventing, and ideas for naming and displaying the project. (MVL)

****
* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *
****